



STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

ATTORNEYS AT LAW

1100 NEW YORK AVENUE, N.W. • WASHINGTON, D.C. 20005-3934

PHONE: (202) 371-2600 • FACSIMILE: (202) 371-2540 • www.skf.com

Art 1655

ROBERT GREENE STONE
EDWARD J. KATZ
JORGE A. GOLDSTEIN
SAMUEL L. FOX***
DAVID K.S. CORNWELL
ROBERT W. ESMOND
TRACY-GENE G. DURKIN
MICHELE A. CIMBALA
MICHAEL B. RAY
ROBERT E. SOKOHL
ERIC K. STEFFE
MICHAEL O. LEE
STEVEN R. LUDWIG

JOHN M. COVERT
LINDA E. ALCORN
ROBERT C. MILLONIG
MICHAEL V. MESSINGER
JUDITH U. KIM
TIMOTHY J. SHEA, JR.
PATRICK E. GARRETT
JEFFREY T. HELVEY*
HEIDI L. KRAUS
JEFFREY R. KURIN
PATRICK D. O'BRIEN
LAWRENCE B. BUGAISKY
CRYSTAL D. SAYLES

EDWARD W. YEE
ALBERT L. FERRO*
DONALD R. BANOWIT
PETER A. JACKMAN
MOLLY A. MCCALL
TERESA U. MEDLER
JEFFREY S. WEAVER
KENDRICK P. PATTERSON
DONALD J. FEATHERSTONE
VINCENT L. CAPUANO
JOHN A. HARROUN*
ALBERT J. FASULO II*
ELDORA ELLISON FLOYD*

W. RUSSELL SWINDELL
THOMAS C. FIALA
BRIAN J. DEL BUONO*
VIRGIL L. BEASTON*
RYAN J. STAMPER*
REGINALD D. LUCAS*
THEODORE A. WOOD
ELIZABETH J. HAANES
BRUCE E. CHALKER
JOSEPH S. OSTROFF
KAREN R. MARKOWICZ**
SUZANNE E. ZISKA**
ANDREA J. KAMAGE**

NANCY J. LEITH**
JOSEPH M. CONRAD, III**
DOUGLAS M. WILSON**
ANN E. SUMMERFIELD**
CYNTHIA M. BOUCHEZ**
HELENE C. CARLSON**
GABY L. LONGSWORTH**
DUSTIN T. JOHNSON**
MATTHEW J. DOWD**
AARON L. SCHWARTZ**

*LIMITED TO MATTERS
AND PROCEEDINGS BEFORE
FEDERAL COURTS & AGENCIES
**REGISTERED PATENT AGENT
***SENIOR COUNSEL

RECEIVED

February 25, 2002

FEB 28 2002

TECH CENTER 1600/2900

WRITER'S DIRECT NUMBER:

(202) 789-5525

INTERNET ADDRESS:

BRIAND@SKGF.COM

Attn: Art Unit 1655

Commissioner for Patents
Washington, D.C. 20231

Box AF

Re: U.S. Utility Patent Application
Appl. No. 09/608,066; Filed: June 30, 2000
For: **Compositions and Methods for Enhanced Sensitivity and Specificity
of Nucleic Acid Synthesis**
Inventors: Astatke *et al.*
Our Ref: 0942.4990001/RWE/BJD

Sir:

Transmitted herewith for appropriate action are the following documents:

1. PTO Fee Transmittal Form (PTO/SB/17);
2. Our check no. 34291 in the amount of \$430.00 to cover the appropriate fees;
3. Petition For Extension of Time Under 37 C.F.R. § 1.136(a)(1);
4. Notice of Appeal From the Examiner to the Board of Patent Appeals and Interferences - Large Entity;
5. Amendment and Reply Under 37 C.F.R. § 1.116; and
6. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are

Commissioner for Patents
February 25, 2002
Page 2

necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

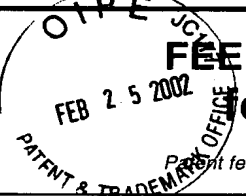
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

A handwritten signature in black ink, appearing to read "Brian J. Del Buono", with a long horizontal flourish extending to the right.

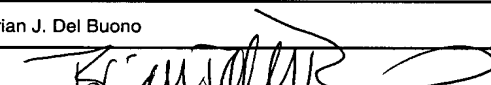
Brian J. Del Buono
Attorney for Applicants
Registration No. 42,473

BJD/nef
Enclosures

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

 <h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">for FY 2002</h3> <p style="font-size: small;">Patent fees are subject to annual revision.</p>	Complete if Known	
	Application Number	09/608,066
Filing Date	June 30, 2000	
First Named Inventor	Astatke et al.	
Examiner Name	Taylor, J.	
Group Art Unit	1655	
Attorney Docket No.	0942.4990001/RWE/BJD	
TOTAL AMOUNT OF PAYMENT		(\$) 430.00

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																																																																														
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:</p> <p>Deposit Account Number: 19-0036 Deposit Account Name: Sterne, Kessler, Goldstein &...</p> <p><input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27</p>	<p>3. ADDITIONAL FEES</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee paid</th> </tr> </thead> <tbody> <tr><td>100</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td>110.00</td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td>320.00</td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>130</td><td>123</td><td>130</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>481</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> </tbody> </table>	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee paid	100	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month	110.00	116	400	216	200	Extension for reply within second month		117	920	217	460	Extension for reply within third month		118	1,440	218	720	Extension for reply within fourth month		128	1,960	228	980	Extension for reply within fifth month		119	320	219	160	Notice of Appeal	320.00	120	320	220	160	Filing a brief in support of an appeal		121	280	221	140	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,280	241	640	Petition to revive - unintentional		142	1,280	242	640	Utility issue fee (or reissue)		143	460	243	230	Design issue fee		144	620	244	310	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	130	123	130	Petitions related to provisional applications		126	180	126	180	Submission of Information Disclosure Stmt		581	40	481	40	Recording each patent assignment per property (times number of properties)		146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))		149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))		179	740	279	370	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application	
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee paid																																																																																																																																																																										
100	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																											
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																											
139	130	139	130	Non-English specification																																																																																																																																																																											
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination																																																																																																																																																																											
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																											
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																											
115	110	215	55	Extension for reply within first month	110.00																																																																																																																																																																										
116	400	216	200	Extension for reply within second month																																																																																																																																																																											
117	920	217	460	Extension for reply within third month																																																																																																																																																																											
118	1,440	218	720	Extension for reply within fourth month																																																																																																																																																																											
128	1,960	228	980	Extension for reply within fifth month																																																																																																																																																																											
119	320	219	160	Notice of Appeal	320.00																																																																																																																																																																										
120	320	220	160	Filing a brief in support of an appeal																																																																																																																																																																											
121	280	221	140	Request for oral hearing																																																																																																																																																																											
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																											
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																											
141	1,280	241	640	Petition to revive - unintentional																																																																																																																																																																											
142	1,280	242	640	Utility issue fee (or reissue)																																																																																																																																																																											
143	460	243	230	Design issue fee																																																																																																																																																																											
144	620	244	310	Plant issue fee																																																																																																																																																																											
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																											
123	130	123	130	Petitions related to provisional applications																																																																																																																																																																											
126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																																											
581	40	481	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																											
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																											
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																											
179	740	279	370	Request for Continued Examination (RCE)																																																																																																																																																																											
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																											
<p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input checked="" type="checkbox"/> Other*</p> <p>*Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.</p>	<p>Other fee (specify):</p> <p>Other fee (specify):</p>																																																																																																																																																																														
<p>FEE CALCULATION</p> <p>1. BASIC FILING FEE</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>740</td><td>201</td><td>370</td><td>Utility filing fee</td><td></td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>510</td><td>207</td><td>255</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>740</td><td>208</td><td>370</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>160</td><td>214</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="5">SUBTOTAL (1) (\$)</td><td></td></tr> </tbody> </table>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	101	740	201	370	Utility filing fee		106	330	206	165	Design filing fee		107	510	207	255	Plant filing fee		108	740	208	370	Reissue filing fee		114	160	214	80	Provisional filing fee		SUBTOTAL (1) (\$)						<p>2. EXTRA CLAIM FEES</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>102</td><td>84</td><td>202</td><td>42</td><td>Independent claims in excess of 3</td></tr> <tr><td>104</td><td>280</td><td>204</td><td>140</td><td>Multiple dependent claim</td></tr> <tr><td>108</td><td>84</td><td>209</td><td>42</td><td>**Reissue independent claims over original patent</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>*Reissue claims in excess of 20 and over original patent</td></tr> <tr><td colspan="5">SUBTOTAL (2) (\$)</td></tr> </tbody> </table>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	103	18	203	9	Claims in excess of 20	102	84	202	42	Independent claims in excess of 3	104	280	204	140	Multiple dependent claim	108	84	209	42	**Reissue independent claims over original patent	110	18	210	9	*Reissue claims in excess of 20 and over original patent	SUBTOTAL (2) (\$)																																																																																																					
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																										
101	740	201	370	Utility filing fee																																																																																																																																																																											
106	330	206	165	Design filing fee																																																																																																																																																																											
107	510	207	255	Plant filing fee																																																																																																																																																																											
108	740	208	370	Reissue filing fee																																																																																																																																																																											
114	160	214	80	Provisional filing fee																																																																																																																																																																											
SUBTOTAL (1) (\$)																																																																																																																																																																															
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description																																																																																																																																																																											
103	18	203	9	Claims in excess of 20																																																																																																																																																																											
102	84	202	42	Independent claims in excess of 3																																																																																																																																																																											
104	280	204	140	Multiple dependent claim																																																																																																																																																																											
108	84	209	42	**Reissue independent claims over original patent																																																																																																																																																																											
110	18	210	9	*Reissue claims in excess of 20 and over original patent																																																																																																																																																																											
SUBTOTAL (2) (\$)																																																																																																																																																																															
<p>** or number previously paid, if greater; For Reissues, see above</p>	<p>*Reduced by Basic Filing Fee Paid</p>																																																																																																																																																																														
<p>SUBTOTAL (3) (\$) 430.00</p>																																																																																																																																																																															

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Brian J. Del Buono	Registration No. (Attorney/Agent)	42,473	Telephone	202-371-2600
Signature		Date	Feb. 25, 2002		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.